| Author and year                     | Study design               | Study<br>period | Country | Equity                             | Participants   | Mean<br>age<br>[range] | Risk of<br>bias | N°.<br>of dp | MA? | Exposure                                     | Exposure measure   | Outcome measure   | N     |
|-------------------------------------|----------------------------|-----------------|---------|------------------------------------|--|------------------------|-----------------|--------------|-----|--|--|---|-------|
| Svensson<br>2020 <sup>142</sup>     | Repeat cross-<br>sectional | 2016-<br>2019   | Sweden  | High income country                | Students from 17<br>secondary schools in<br>8 small<br>municipalities in the<br>county of Skåne part<br>of the Öckerö<br>project | NR<br>[14-15]          | Mod             | 3            | No  | Freq. of SM use                              | Freq. of posting information<br>on Facebook, Instagram,<br>Snapchat, or other SM       | Lifetime alcohol use  | 3,733 |
|                                     |                            |                 |         |                                    |  |                        |                 |              |     | Freq. of SM use                              | Freq. of posting information<br>on Facebook, Instagram,<br>Snapchat, or other SM       | Drunkenness in the past year  | 3,733 |
|                                     |                            |                 |         |                                    |  |                        |                 |              |     | Freq. of SM use                              | Freq. of posting information<br>on Facebook, Instagram,<br>Snapchat, or other SM       | Drunkenness in the past month   | 3,733 |
| Tao 2022 <sup>143</sup>             | Cross-<br>sectional        | 2020-<br>2021   | USA     | High income country with mixed SEP | Adolescents  | 16.5<br>[15-18]        | High            | 2            | Yes | Time Spent on SM                             | Average time on SM per week  | Alcohol use disorder (via AUDIT)                                      | 407   |
|                                     |                            |                 |         |                                    |  |                        |                 |              |     | Time Spent on SM                             | Average time on SM per week  | Illicit drug use problems (via validated tool)                        | 407   |
| Trangenstein<br>2019 <sup>144</sup> | Cross-<br>sectional        | 2018            | USA     | High income country with mixed SEP | Adolescents residing<br>in USA states with<br>legalised retail<br>cannabis   | NR<br>[15-19]          | High            | 2            | No  | Exposure to health-risk<br>behaviour content | Liked/<br>followed cannabis business<br>pages on Facebook,<br>Twitter and/or Instagram | Cannabis use in the past year   | 482   |
|                                     |                            |                 |         |                                    |  |                        |                 |              |     | Exposure to health-risk<br>behaviour content | Liked/<br>followed cannabis business<br>pages on Facebook, Twitter<br>and/or Instagram | Cannabis use in the past 28 days                                      | 482   |
| Tsitsika<br>2009 <sup>145</sup>     | Cross-<br>sectional        | 2007-<br>2008   | Greece  | High income country with mixed SEP | Grade 9-10 urban<br>district school<br>students in Athens  | 14.9<br>[NR]           | High            | 1            | Yes | Freq. of SM use                              | Ever accessed the internet to visit chat rooms   | Freq. of pornographic internet site use                               | 344   |
| Tsitsika<br>2011 <sup>146</sup>     | Cross-<br>sectional        | 2007-<br>2008   | Greens  | High income country with mixed SEP | Grade 9-10 school<br>students in the urban<br>district of Athens   | 14.9<br>[NR]           | High            | 1            | Yes | Freq. of SM use                              | Presence of internet chat room use   | Internet gambling practices (not via SM) at least once per week       | 484   |
| Vandenbosch<br>2016 <sup>147</sup>  | Cross-<br>sectional        | 2010            | Belgium | High income country with mixed SEP | School students'<br>part of the MORES<br>Panel Study   | 15.4<br>[12-18]        | High            | 1            | No  | Freq. of SM use                              | Freq. of chat room use   | Use of erotic contact<br>websites in the past 6<br>months             | 1,163 |
| Vannucci<br>2019 <sup>148</sup>     | Cohort                     | 2016-<br>2017   | USA     | High income country with mixed SEP | Grade 7-8 middle<br>school students' part<br>of the PANDA<br>Research Project  | 12.7<br>[11-14]        | Low             | 1            | Yes | Freq. of SM use                              | Freq. of SM use  | Delinquent behaviours in<br>the past 6 months (via<br>validated tool) | 563   |